

WORKSHOP PRACTICE

Paper Code: ETME-155
Paper: Workshop Practice

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LIST OF EXPERIMENTS

Sheet Metal Shop

1. To study the tools and machineries used in sheet metal shop.
2. To make a tray using sheet metal tools.
3. To make a Funnel using sheet metal tools.
4. To make a cylindrical mug in sheet metal shop.

Foundry Shop

5. To make a mould in Foundry Shop.

Carpentry Shop

6. To make a half lap T-joint in Carpentry Shop.
7. To make a half cross lap joint in Carpentry Shop.
8. To make a pattern using Carpentry Tools.

Welding Shop

9. To study arc and gas welding equipments and tools.
10. To make Lap Joint, T-Joint and Butt Joint in Welding shop.

Fitting Shop

11. To make V-Section and T-Slot in fitting shop.

Machine Shop

12. To study basic operations on lathe, shaper, milling, drilling and grinding machines..
13. To perform step turning, knurling and threading operations on lathe.
14. To prepare a simple job on shaper.

Note:- Any 8-10 Experiments out of the list may be chosen.